# WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, August 24, 2005

| Hide? | Set Name | Query | Hit Count |
|---|---|---|---|
| | | *DB=PGPB,USPT; PLUR=YES; OP=OR* | |
| ☐ | L1 | hydroxyacyl adj ACP adj thioesterase | 1 |

END OF SEARCH HISTORY

# WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, August 24, 2005

| Hide? | Set Name | Query | Hit Count |
|---|---|---|---|
| | | *DB=PGPB,USPT; PLUR=YES; OP=OR* | |
| ☐ | L1 | phaG and PHA | 24 |

END OF SEARCH HISTORY

E 'HOME' ENTERED AT 09:25:24 ON 24 AUG 2005

=> file biosis
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'BIOSIS' ENTERED AT 09:25:30 ON 24 AUG 2005


FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 17 August 2005 (20050817/ED)

FILE RELOADED: 19 October 2003.

=> s hydroxyacyl and acp and thioesterase
1556 HYDROXYACYL
2847 ACP
741 THIOESTERASE
L1 4 HYDROXYACYL AND ACP AND THIOESTERASE

=> display 1-4
ENTER (L1), L# OR ?:L1
ENTER DISPLAY FORMAT (BIB):bib

L1 ANSWER 1 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2005:148437 BIOSIS
DN PREV200500149629
TI Structure and function of animal fatty acid synthase.
AU Chirala, Subrahmanyam S.; Wakil, Salih J. [Reprint Author]
CS Verna and Marrs McLean Dept Biochem and Mol Biol, Baylor Coll Med, 1 Baylor Plaza, Houston, TX, 77030, USA
swakil@bcm.tmc.edu
SO Lipids, (November 2004) Vol. 39, No. 11, pp. 1045-1053. print.
CODEN: LPDSAP. ISSN: 0024-4201.
DT Article
LA English
ED Entered STN: 20 Apr 2005
Last Updated on STN: 20 Apr 2005

L1 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:414543 BIOSIS
DN PREV200400412149
TI Htd2p/Yhr067p is a yeast 3-**hydroxyacyl-ACP** dehydratase essential for mitochondrial function and morphology.
AU Kastaniotis, Alexander J. [Reprint Author]; Autio, Kaija J.; Sormunen, Raija T.; Hiltunen, J. Kalervo
CS Bioctr OuluDept Biochem, Univ Oulu, FIN-90014, Oulu, Finland
akastani@sun3.oulu.fi
SO Molecular Microbiology, (September 2004) Vol. 53, No. 5, pp. 1407-1421. print.
ISSN: 0950-382X (ISSN print).
DT Article
LA English
ED Entered STN: 27 Oct 2004
Last Updated on STN: 27 Oct 2004

L1 ANSWER 3 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 1997:178823 BIOSIS
DN PREV199799470536

TI Mapping of functional interactions between domains of the animal fatty acid synthase by mutant complementation in vitro.
AU Joshi, Anil K.; Witkowski, Andrzej; Smith, Stuart [Reprint author]
CS Children's Hospital Oakland Res. Inst. 747 Fifty-Second Street, Oakland, CA 94609, USA
SO Biochemistry, (1997) Vol. 36, No. 8, pp. 2316-2322.
CODEN: BICHAW. ISSN: 0006-2960.
DT Article
LA English
ED Entered STN: 24 Apr 1997
Last Updated on STN: 2 Jun 1997

L1 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 1989:471390 BIOSIS
DN PREV198988107150; BA88:107150
TI ANALYSIS OF THE NUCLEOTIDE SEQUENCE OF THE STREPTOMYCES-GLAUCESCENS TCML GENES PROVIDES KEY INFORMATION ABOUT THE ENZYMOLOGY OF POLYKETIDE ANTIBIOTIC BIOSYNTHESIS.
AU BIBB M J [Reprint author]; BIRO S; MOTAMEDI H; COLLINS J F; HUTCHINSON C R
CS JOHN INNES INST, COLNEY LANE, NORWICH NR4 7UH, UK
SO EMBO (European Molecular Biology Organization) Journal, (1989) Vol. 8, No. 9, pp. 2727-2736.
CODEN: EMJODG. ISSN: 0261-4189.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 17 Oct 1989
Last Updated on STN: 5 Dec 1989

=> s phaG
L2 30 PHAG

=> s L2 and PHA
14911 PHA
L3 9 L2 AND PHA

=> d L3 1-9

L3 ANSWER 1 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:403897 BIOSIS
DN PREV200400408198
TI Regulation of polyhydroxyalkanoate biosynthesis in Pseudomonas putida and Pseudomonas aeruginosa.
AU Hoffmann, Nils; Rehm, Bernd H. A. [Reprint Author]
CS Inst Mol BioSci, Massey Univ, Private Bag 11222, Palmerston North, New Zealand
b.rehm@massey.ac.nz
SO FEMS Microbiology Letters, (August 1 2004) Vol. 237, No. 1, pp. 1-7. print.
CODEN: FMLED7. ISSN: 0378-1097.
DT Article
LA English
ED Entered STN: 20 Oct 2004
Last Updated on STN: 20 Oct 2004

L3 ANSWER 2 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:257436 BIOSIS
DN PREV200200257436
TI Biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyalkanoates) copolymer from sugars by recombinant Ralstonia eutropha harboring the phaC1Ps and the phaGPs genes of Pseudomonas sp. 61-3.
AU Matsumoto, Ken'ichiro; Nakae, Sumiko; Taguchi, Kazunori; Matsusaki,

Hiromi; Seki, Minoru; Doi, Yoshiharu [Reprint author]
CS Polymer Chemistry Laboratory, RIKEN Institute, 2-1 Hirosawa, Wako-shi, Saitama, 351-0198, Japan
ydoi@postman.riken.go.jp
SO Biomacromolecules, (Fall, 2001) Vol. 2, No. 3, pp. 934-939. print.
ISSN: 1525-7797.
DT Article
LA English
ED Entered STN: 24 Apr 2002
Last Updated on STN: 24 Apr 2002

L3 ANSWER 3 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:257180 BIOSIS
DN PREV200200257180
TI Cloning and characterization of the Pseudomonas sp. 61-3 **phaG** gene involved in polyhydroxyalkanoate biosynthesis.
AU Matsumoto, Ken'ichiro; Matsusaki, Hiromi; Taguchi, Seiichi; Seki, Minoru; Doi, Yoshiharu [Reprint author]
CS Polymer Chemistry Laboratory, RIKEN Institute, 2-1, Hirosawa, Wako-shi, Saitama, 350-0198, Japan
ydoi@postman.riken.go.jp
SO Biomacromolecules, (Spring, 2001) Vol. 2, No. 1, pp. 142-147. print.
ISSN: 1525-7797.
DT Article
LA English
ED Entered STN: 24 Apr 2002
Last Updated on STN: 24 Apr 2002

L3 ANSWER 4 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2001:356324 BIOSIS
DN PREV200100356324
TI Role of fatty acid de novo biosynthesis in polyhydroxyalkanoic acid (**PHA**) and rhamnolipid synthesis by pseudomonads: Establishment of the transacylase (**PhaG**)-mediated pathway for **PHA** biosynthesis in Escherichia coli.
AU Rehm, Bernd H. A. [Reprint author]; Mitsky, Timothy A.; Steinbuechel, Alexander
CS Institut fuer Mikrobiologie, Westfaelische Wilhelms-Universitaet Muenster, Corrensstrasse 3, D-48149, Muenster, Germany
rehm@unimuenster.de
SO Applied and Environmental Microbiology, (July, 2001) Vol. 67, No. 7, pp. 3102-3109. print.
CODEN: AEMIDF. ISSN: 0099-2240.
DT Article
LA English
ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002

L3 ANSWER 5 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2001:28125 BIOSIS
DN PREV200100028125
TI Homologous functional expression of cryptic **phaG** from Pseudomonas oleovorans establishes the transacylase-mediated polyhydroxyalkanoate biosynthetic pathway.
AU Hoffmann, N.; Steinbuechel, A. [Reprint author]; Rehm, B. H. A.
CS Institut fuer Mikrobiologie, Westfaelischen Wilhelms-Universitaet Muenster, Corrensstrasse 3, 48149, Muenster, Germany
steinbu@uni-muenster.de
SO Applied Microbiology and Biotechnology, (November, 2000) Vol. 54, No. 5, pp. 665-670. print.
CODEN: AMBIDG. ISSN: 0175-7598.
DT Article
LA English

ED Entered STN: 10 Jan 2001
Last Updated on STN: 12 Feb 2002

L3 ANSWER 6 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2000:254674 BIOSIS
DN PREV200000254674
TI **PhaG**-mediated synthesis of poly(3-hydroxyalkanoates) consisting of medium-chain-length constituents from nonrelated carbon sources in recombinant Pseudomonas fragi.
AU Fiedler, Silke; Steinbuechel, Alexander; Rehm, Bernd H. A. [Reprint author]
CS Institut fuer Mikrobiologie, Westfaelische Wilhelms-Universitaet Muenster, Corrensstrasse 3, D-48149, Muenster, Germany
SO Applied and Environmental Microbiology, (May, 2000) Vol. 66, No. 5, pp. 2117-2124. print.
CODEN: AEMIDF. ISSN: 0099-2240.
DT Article
LA English
ED Entered STN: 21 Jun 2000
Last Updated on STN: 5 Jan 2002

L3 ANSWER 7 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2000:233199 BIOSIS
DN PREV200000233199
TI The Pseudomonas aeruginosa **phaG** gene product is involved in the synthesis of polyhydroxyalkanoic acid consisting of medium-chain-length constituents from non-related carbon sources.
AU Hoffmann, Nils; Steinbuechel, Alexander [Reprint author]; Rehm, Bernd H. A.
CS Institut fuer Mikrobiologie, Westfaelische Wilhelms-Universitaet Muenster, Corrensstrasse 3, D-48149, Muenster, Germany
SO FEMS Microbiology Letters, (March 15, 2000) Vol. 184, No. 2, pp. 253-259. print.
CODEN: FMLED7. ISSN: 0378-1097.
DT Article
LA English
ED Entered STN: 7 Jun 2000
Last Updated on STN: 5 Jan 2002

L3 ANSWER 8 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 1998:447685 BIOSIS
DN PREV199800447685
TI A new metabolic link between fatty acid de novo synthesis and polyhydroxyalkanoic acid synthesis: The **phaG** gene from Pseudomonas putida KT2440 encodes a 3-hydroxyacyl-acyl carrier protein-coenzyme A transferase.
AU Rehm, Bernd H. A.; Krueger, Niels; Steinbuechel, Alexander [Reprint author]
CS Inst. Mikrobiol., Westfaelische Wilhelms-Univ. Muenster, Corrensstrasse 3, D-48149 Muenster, Germany
SO Journal of Biological Chemistry, (Sept. 11, 1998) Vol. 273, No. 37, pp. 24044-24051. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
OS Genbank-AF052507
ED Entered STN: 21 Oct 1998
Last Updated on STN: 21 Oct 1998

L3 ANSWER 9 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 1988:310006 BIOSIS
DN PREV198886027044; BA86:27044
TI MONONUCLEAR PHAGOCYTES FROM PATIENTS WITH ACTIVE SYSTEMIC LUPUS

ERYTHEMATOSUS DOWN-REGULATE THE SPECIFIC IN-VITRO REACTIVITY OF AUTOLOGOUS LYMPHOCYTES TO DOUBLE-STRANDED DNA.

AU WEILL B J [Reprint author]; RENOUX M L
CS LABORATOIRE D'IMMUNOLOGIE, FACULTE COCHIN, 24 RUE DU FAUBOURG ST JACQUES, 75674 PARIS CEDEX 14, FRANCE

SO Clinical and Experimental Immunology, (1988) Vol. 72, No. 1, pp. 43-49.
CODEN: CEXIAL. ISSN: 0009-9104.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 3 Jul 1988
Last Updated on STN: 3 Jul 1988

=>